

DERWENT-ACC-NO: 1971-60301S
DERWENT-WEEK: 197137
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TITLE: Stabilised linear polyurethane elastomeric fibres

PATENT-ASSIGNEE: TOYO SPINNING CO LTD[TOYM]

PRIORITY-DATA: 1965JP-0067062 (June 12, 1965)

PATENT-FAMILY:	PUB-NO	PUB-DATE	LANGUAGE	PAGES
MAIN-IPC				
JP 71031804 B		12-1965	N/A	000
N/A				

INT-CL_(IPC): C08G000/00; D01F000/00

ABSTRACTED-PUB-NO: JP71031804B

BASIC-ABSTRACT: Polyurethane is prepd. from (1) organic diisocyanate, (2) polyglycol av. mol. wt. 500 to 6000 and (3) difunctional active hydrogen cpd.

The polyurethane is resolved in a solvent and the soln. obtained is spun into fibres.

Higher satd. aliphatic alcohol (4) is added to the polyurethane spinning soln. to improve the stability of the fibres against light and combustion gas.

Spec. (4) are n-decyl alcohol, n-dodecyl alcohol, lauryl alcohol, cetyl alcohol, stearyl alcohol, myristyl alcohol and ceryl alcohol, used in an amount of 0.1 to 10% w.r.t. polyurethane; (1) are tolylene diisocyanate and methylene-bis-(4-phenyl isocyanate), (2) being dihydroxy polyethers and dihydroxy polyesters and (3) are diamines, diols and hydrazine.

TITLE-TERMS:
STABILISED LINEAR POLYURETHANE ELASTOMER FIBRE

DERWENT-CLASS: A25 A34 A94 F01

CPI-CODES: A05-G01B; A08-A03; A12-S05D; F01-D07;

Multipunch Codes: 01- 032 150 203 209 239 240 30& 329 338 34& 353 398
481 541
545 550 692 720 721 725